Table 17.06-- ELECTRICITY GENERATION BY SOURCE: 1989 TO 1998

[Millions of kWh generated]

Year	Total	Petroleum	Biomass	MSW 1/	Hydroelectric
1989	9,280	8,511	614	-	100
1990	9,566	8,589	538	-	105
1991	9,610	8,664	495	-	92
1992	10,104	8,556	460	-	67
1993	10,219	7,576	435	349	78
1994	10,341	7,793	423	379	148
1995	10,563	7,853	292	383	103
1996	10,742	8,027	270	326	110
1997	10,424	7,805	226	371	93
1998 4/	10,455	8,009	178	364	87
Year	Geothermal	Wind	Coal	PV 2/	Other 3/
			Coal	PV 2/	
1989	Geothermal	41	Coal -	PV 2/ -	(Z)
1989 1990		41 28	Coal - -	PV 2/ - -	(Z) 306
1989 1990 1991	14 - -	41 28 30	Coal - - -	PV 2/ - - -	(Z) 306 329
1989 1990 1991 1992	14 - - 1	41 28 30 21	- - - -	- - - -	(Z) 306 329 999
1989 1990 1991 1992 1993	14 - - 1 155	41 28 30 21 24	- - - - 1,592	- - - - (Z)	(Z) 306 329 999 10
1989 1990 1991 1992 1993 1994	14 - - 1 155 175	41 28 30 21 24 22	- - - - 1,592 1,382	- - - - (Z) (Z)	(Z) 306 329 999 10
1989 1990 1991 1992 1993 1994 1995	14 - - 1 155 175 223	41 28 30 21 24 22 23	- - - 1,592 1,382 1,674	- - - (Z) (Z) (Z)	(Z) 306 329 999 10 19
1989 1990 1991 1992 1993 1994 1995	14 - - 1 155 175 223 228	41 28 30 21 24 22 23 22	- - - 1,592 1,382 1,674 1,740	- - - (Z) (Z) (Z) (Z)	(Z) 306 329 999 10 19 12
1989 1990 1991 1992 1993 1994 1995 1996	14 - - 1 155 175 223 228 229	41 28 30 21 24 22 23 22 17	- - 1,592 1,382 1,674 1,740 1,663	- - - (Z) (Z) (Z) (Z) (Z) (Z)	(Z) 306 329 999 10 19 12 19
1989 1990 1991 1992 1993 1994 1995	14 - - 1 155 175 223 228	41 28 30 21 24 22 23 22	- - - 1,592 1,382 1,674 1,740	- - - (Z) (Z) (Z) (Z)	(Z) 306 329 999 10 19 12

Z Less than 500,000 kWh.

Source: Hawaii State Department of Business, Economic Development & Tourism, Energy, Resources and Technology Division, records; Hawaii State Department of Commerce and Consumer Affairs, records; Hawaii Agriculture Research Center, records.

^{1/} Electricity generated from Honolulu municipal solid waste plant.

^{2/} Electricity generated from photovoltaic.

^{3/} From 1989 to 1992, includes electricity production by coal, geothermal (a test well which ceased operation in 1989), and photovoltaic.

^{4/} Preliminary